

GAS-LIQUID CONTACTING TRAY

5 ABSTRACT OF THE INVENTION

Gas-liquid contacting tray consisting of a bubble area and one or more rectangular downcomers which are longer in length than in width, which downcomers consist of two sloped downcomer walls along their length, a downcomer opening at tray level and one or more downward directed liquid discharge openings at the lower end, which downcomers are so positioned on the tray that bubble area is present at both of the longer sides, wherein the cross-sectional area at the lower end of the downcomer is less than 40% of the cross-sectional area of the upper end of the downcomer at tray level.